

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 20 FT
HEIGHTS RELATED TO
THR RWY 33 - ELEV 20 FT**

MUKAH/MUKAH(WBGK)

RNP Z RWY 33

TABULAR DESCRIPTION

KILID TRANSITION

SEQ.	PATH TERM.	WAYPOINT IDENTIFIER	FLY OVER	COURSE/ TRACK (°M)	DISTANCE (NM)	TURN DIR.	ALTITUDE (FT)	SPEED LIMIT (KT)	VPA/ TCH	NAV. SPEC.
010	IF	KILID (IAF)	N	-	-	-	+2800	-	-	RNP APCH
020	TF	VATSO (IF)	N	257°	3.9	-	+1700	-180	-	RNP APCH

METIK TRANSITION

SEQ.	PATH TERM.	WAYPOINT IDENTIFIER	FLY OVER	COURSE/ TRACK (°M)	DISTANCE (NM)	TURN DIR.	ALTITUDE (FT)	SPEED LIMIT (KT)	VPA/ TCH	NAV. SPEC.
010	IF	METIK (IAF)	N	-	-	-	+2500	-	-	RNP APCH
020	TF	VATSO (IF)	N	035°	4.0	-	+1700	-180	-	RNP APCH

FINAL AND MISSED APPROACH

SEQ.	PATH TERM.	WAYPOINT IDENTIFIER	FLY OVER	COURSE/ TRACK (°M)	DISTANCE (NM)	TURN DIR.	ALTITUDE (FT)	SPEED LIMIT (KT)	VPA/ TCH	NAV. SPEC.
010	IF	VATSO (IF)	N	-	-	-	+1700	-180	-	RNP APCH
020	TF	SUPAB (FAF)	N	326°	3.7	-	+1700	@130	-	RNP APCH
030	TF	RWY 33 (MAPt)	Y	326°	5.1	-	+390	-	-3.00°/50	RNP APCH
040	VA	-	N	326°	-	-	+1000	-	-	RNP APCH
050	DF	SANAB	N	-	-	R	+2500	-	-	RNP APCH
060	HM	SANAB	Y	236°	-	R	+2500	-170	-	RNAV 1

WAYPOINT LIST

FIX / POINT	COORDINATES
KILID (IAF)	02°46'08.80"N 112°11'37.08"E
METIK (IAF)	02°41'58.77"N 112°05'28.35"E
VATSO (IF)	02°45'15.56"N 112°07'46.90"E
SUPAB (FAF)	02°48'19.79"N 112°05'42.47"E
RWY33	02°52'35.08"N 112°02'50.02"E
SANAB	02°59'14.37"N 112°10'25.23"E

CHANGES : AT TABULAR FINAL AND MISSED APPROACH,
SEQ. NUMBER 060 SANAB SPEED LIMIT TO READ
AS -170